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PUB-NO: JP406299052A

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TITLE: THERMOPLASTIC RESIN COMPOSITION

PUBN-DATE: October 25, 1994

INVENTOR-INFORMATION:

NAME

COUNTRY

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DU PONT MITSUI POLYCHEM CO LTD

N/A

APPL-NO: JP05086353

APPL-DATE: April 13, 1993

INT-CL (IPC): C08L 67/00; A63B 37/00; C08L 23/26; C08L 51/06; C08L 63/00; C08L 77/00

ABSTRACT:

PURPOSE: To obtain a thermoplastic resin compsn. excellent in flexibility and impact resilience by compounding a specific thermoplastic elastomer, a specific ionomer of a random copolymer, a graft copolymer, and an epoxy compd. in a specified ratio.

CONSTITUTION: The title compsn. comprises 20-89 pts.wt. thermoplastic polyester or polyamide elastomer (e.g. Hytrel 8122, a product of Du Pont-Toray Co, Ltd.), 10-70 pts.wt. ionomer of a random copolymer made from ethylene, an unsatd. carboxylic acid, and other optional copolymerizable monomer (e.g. a 60% Na⁺ neutralizate of an ethylene-methacrylic acid copolymer), 1-20 pts.wt. graft copolymer (ionomer) obtd. by grafting an unsatd. dicarboxylic acid (anhydride) (e.g. maleic anhydride) onto an ethylene-(meth)acrylic ester copolymer, and 1-20 pts.wt. epoxy compd. (e.g. an ethylene-glycidyl methacrylate copolymer), the total amt. being 100 pts.wt.

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first or 80M
eth-MAX
eth-fthalide
ethyl-gr
ethyl